Course Project Assignment #1 - Front End Requirements

Due <u>Wednesday, Feb. 11, 2015 (11pm)</u>

In this assignment, you will analyze the requirements for the Front End and in true XP fashion represent those requirements as a set of requirements tests.

Create and organize a complete set of <u>requirements tests</u> for the Front End of the Ticket Selling Service, to test for every required behaviour. <u>Do not</u> write any programs yet. Each test should be a complete test session input stream in a separate file. Test files should be organized into directories.

• You should hand in:

(1) A list of all your test cases and what they are intended to test
(a table of test names and intentions, in English)

(2) For each test case, the actual test input files and expected output files (as text file printouts)

(3) A test plan document, outlining how your tests are organized (in directories or whatever),
how they will be run (as shell scripts, DOS batch files or whatever), and how the output
will be stored and organized for reporting and comparison with later runs (make text file
printouts of any directory structures and script files created)

• Hand-ins must be completed <u>electronically</u> through Blackboard by 11pm on the due date. Your electronic submission should include your list of test cases (doc, txt, html, pdf), the input and output files for each test case (txt), and your test plan document (doc, txt, html, pdf).

Marking Scheme for Assignment #1

Marking for assignment 1 will be out of ten, according to the following criteria. In each category, marks will be assigned between zero and the number of marks shown, to a resolution of 1/2 mark.

List of Test Cases and What They are to Test
     Descriptions   2 marks
     - table of test cases telling which case each is intended to test
     Completeness   2 marks
     - test cases cover majority of cases allowed by requirements,
      and include cases to test all constraints

Actual Test Case Inputs and Expected Outputs
     Test Files   2 marks
     - all provided, and with expected output?

Test Plan
     Test Input and Output Organization   2 marks
     - there is a good plan to keep test cases and results well organized
     Test Run Plan   1 mark
     - there is a workable plan for running all test cases

Other
     Requirements Problems   1 mark
     - problems found in the requirements are reported
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             Total   10 marks